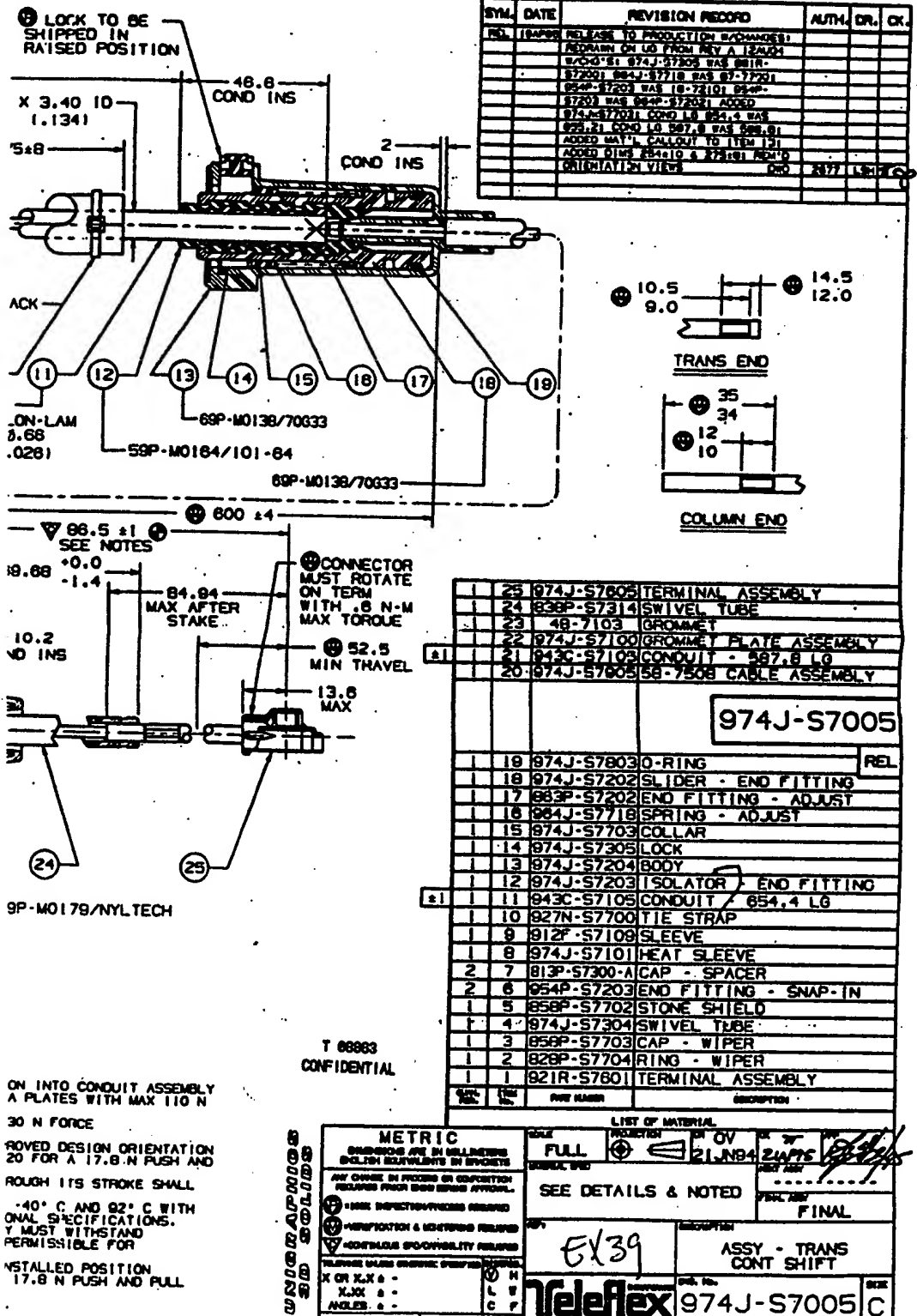
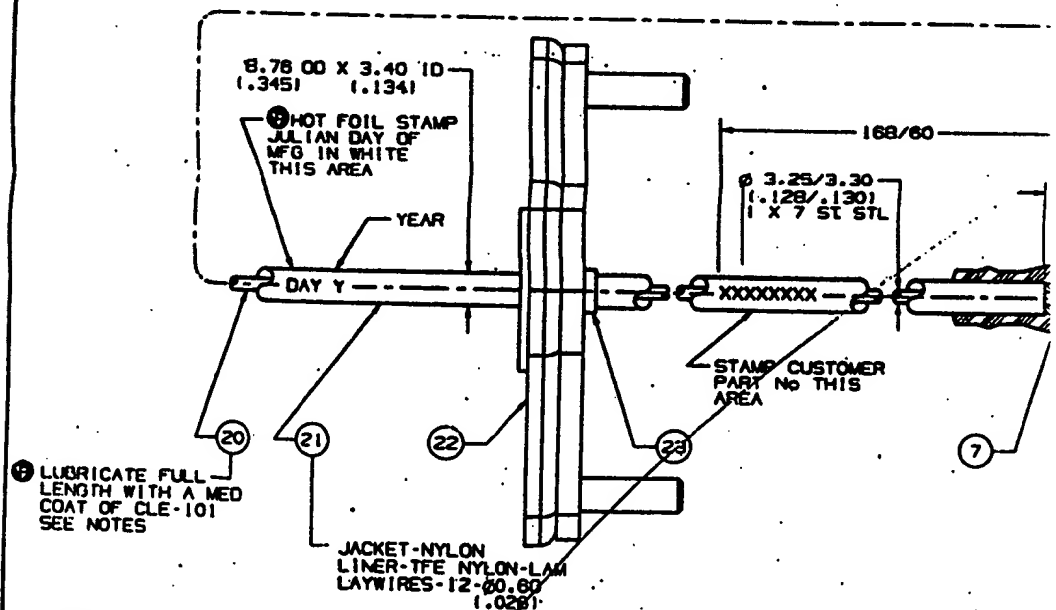
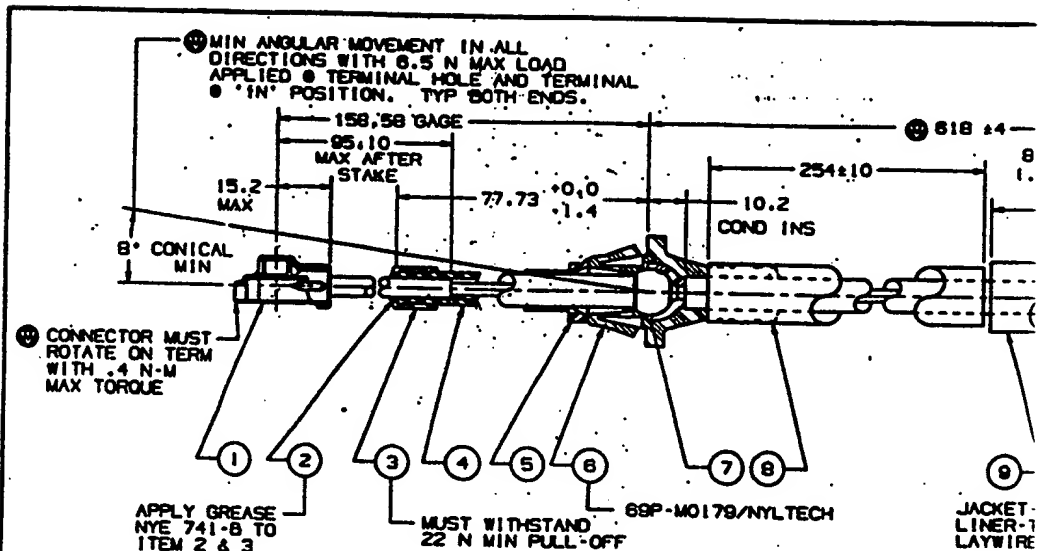


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NOTES:

1. ALL DIMENSIONS NOT TOLERANCED ARE FOR REFERENCE ONLY.
2. PROCESS CONDUIT PER ESDC-7100 BOTH ENDS.
3. CONDUIT & END FITTINGS MUST WITHSTAND 445 N TENSION & COMPRESSION WITHOUT SLIPPING OR CRACKING.
4. CABLE MUST BE CLEAN AND FREE OF DIRT AND OTHER FOREIGN MATERIAL PRIOR TO APPLICATION OF LUBE AND FORCE AND WITHSTAND 450 N MIN PULL-OUT LOAD.
5. FLOOR/COLUMN END FITTING MUST SNAP INTO 2.95/2.20 THK AND APPROPRIATELY KEYED 20.30/2.20 THK AND WITHSTAND 450 N MINIMUM PULL-OUT LOAD.
6. TRANS END FITTING MUST SNAP INTO 2.95/2.20 THK AND APPROPRIATELY KEYED 32.40/32.70 DIA PLATES WITH BACKLASH - DIMENSION & TOLERANCE MARKED @ IS TO BE QUALIFIED @ 133.98 WITH CONTROL ROUTED IN MANC BY ENGINEER, OPPOSITE END GAGED & FIXED AT 111.5. QUALIFICATION SHALL INCLUDE A MAX TOTAL BACKLASH OPERATION EFFORTS - WHEN ROUTED IN INSTALLED POSITION, THE FREE STATE EFFORT REQUIRED TO MOVE THE NOT EXCEED 13.3 N AT 22.2° C.
7. DURABILITY - IN INSTALLED ROUTING, ASSEMBLY MUST CYCLE THROUGH MIN SPECIFIED TRAVEL FOR 50,000 CY @ RATE OF 10 CPM MIN WITH AN OUTPUT LOAD OF 89 N WITHOUT FAILURE OF ANY PHYSICAL PART OR EXCEEDING A TENSILE LOAD OF 890 N & A COMPRESSIVE LOAD OF 180 N. NO YIELDING, PERMANENT DEFORMATION OR CRACK EITHER MODE. NOT MORE THAN 3 DEFLECTION IS PERMISSIBLE FOR THE COMPRESSION MODE @ 22.2° C.
8. LIFECYCLE BACKLASH - DIMENSION & TOLERANCE MARKED @ IS TO BE QUALIFIED @ 133.98 WITH CONTROL ROUT AND OPPOSITE END GAGED & FIXED AT 111.5. QUALIFICATION SHALL INCLUDE A MAX TOTAL BACKLASH OF 2. LOAD AT 22.2° C AFTER 50,000 CYCLES.
9. CONTROL MUST OPERATE AND MAINTAIN DIMENSIONAL AND PERFORMANCE CRITERIA FOR A TEMP RANGE OF -40° T